

Semester:	III	Branch:	CE/CSE/IT
END SEMESTER EXAMINATION – November 2022			
Subject Code:	CE0316	Subject Name:	OOCIP
Date:	10/12/2022	Time:	3 Hrs. 2:00 PM TO 5:00 PM
Day:	Saturday	Total Marks:	100

Instructions:

- 1 Attempt all questions
- 2 Make suitable assumptions wherever necessary.

Q.1	A	Explain Operator and Difference types of operators with examples	10
	B	Define with examples (1)Object (2) Macro (3) setw&setfill (4) static (5) Extern	10
Q.2	A	What is the use of constructor and different types of constructor.	10
	B	Write a program to demonstrate function overloading and Inline functions with suitable example.	10
Q.3	A	Explain different types of inheritance and explain any two in detail.	10
	B	Explain polymorphism and different types of polymorphism with examples	10
Q.4	A	How to read and write data from the file? Explain with sample code.	10
	B	Explain file management functions with example.	10
Q.5		Any Four (05*4=20)	20
	A	What is the need of inheritance?	05
	B	Explain virtual base class with example	05
	C	Difference between Abstraction and polymorphism	05
	D	Draw a Activity diagram of Railway ticket reservation system.	05
	E	Draw a Class diagram of the University management system.	05
	F	Draw a Use case diagram of the Library management system.	05